

DEC 29 2004

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PLEASE DELIVER THE FOLLOWING PAGES IMMEDIATELY TO:

NAME: EXAMINER TIM T. VO, GROUP ART UNIT 2112

FIRM: U.S. PATENT AND TRADEMARK OFFICE

CITY: ALEXANDRIA, VIRGINIA

FAX NO: (703) 872-9306

REMARKS: Serial No. 10/780,395, filed 02/17/2004
Attached hereto is a Response to Office Action dated September 29, 2004,
including a Terminal Disclaimer, for filing with the U.S. Patent and
Trademark Office. Please acknowledge receipt of this facsimile.

Total Number of Pages (Including This One): SIXTEEN (16)

FROM: Jonathan M. Harris, Direct Dial No. (713) 238-8045

DATE: December 29, 2004

CLIENT/MATTER NO. 200301842-2 (1662-29201)

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HEWLETT-PACKARD COMPANY
Intellectual Property Administration
P. O. Box 272400
Fort Collins, Colorado 80527-2400

ORIGINAL

DEC 29 2004

PATENT APPLICATION

ATTORNEY DOCKET NO. 200301842-2

IN THE
UNITED STATES PATENT AND TRADEMARK OFFICE

Inventor(s): Maurice B. STEINMAN et al.

Confirmation No.: 1629

Application No.: 10/780,395

Examiner: Tim T. Vo

Filing Date: 02/17/2004

Group Art Unit: 2112

Title: COMPUTER ARCHITECTURE AND SYSTEM FOR EFFICIENT MANAGEMENT OF
BI-DIRECTIONAL BUS

Mail Stop Amendment
Commissioner For Patents
PO Box 1450
Alexandria, VA 22313-1450

TRANSMITTAL LETTER FOR RESPONSE/AMENDMENT

Sir:

Transmitted herewith is/are the following in the above-identified application:

- (X) Response/Amendment () Petition to extend time to respond
() New fee as calculated below () Supplemental Declaration
(X) No additional fee
(X) Other: Terminal Disclaimer (fee \$ _____)

| CLAIMS AS AMENDED BY OTHER THAN A SMALL ENTITY | | | | | | |
|--|--|------------------------|--|-------------------------|-------------|---------------------------|
| (1) FOR | (2) CLAIMS REMAINING AFTER AMENDMENT | (3) NUMBER EXTRA | (4) HIGHEST NUMBER PREVIOUSLY PAID FOR | (5) PRESENT EXTRA | (6) RATE | (7) ADDITIONAL FEES |
| TOTAL CLAIMS | 13 | MINUS | 20 | = 0 | X \$50 | \$ 0 |
| INDEP. CLAIMS | 3 | MINUS | 3 | = 0 | X \$200 | \$ 0 |
| [] FIRST PRESENTATION OF A MULTIPLE DEPENDENT CLAIM | | | | | + \$360 | \$ 0 |
| EXTENSION FEE | 1ST MONTH \$120.00 | 2ND MONTH \$450.00 | 3RD MONTH \$1020.00 | 4TH MONTH \$1590.00 | | \$ 0 |
| OTHER FEES | | | | | | \$ |
| TOTAL ADDITIONAL FEE FOR THIS AMENDMENT | | | | | | \$ 0 |

Charge \$ 0 to Deposit Account 08-2025. At any time during the pendency of this application, please charge any fees required or credit any overpayment to Deposit Account 08-2025 pursuant to 37 CFR 1.25. Additionally please charge any fees to Deposit Account 08-2025 under 37 CFR 1.16, 1.17, 1.19, 1.20 and 1.21. A duplicate copy of this sheet is enclosed.

Respectfully submitted,

(X) I hereby certify that this paper is being transmitted
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number (703) 872-9306 on 12/29/2004
Number of pages: 15

Typed Name: Christina L. Paz

Signature: *Christina L. Paz*

Maurice B. STEINMAN et al.

By: *Jonathan M. Harris*

Jonathan M. Harris

Attorney/Agent for Applicant(s)

Reg. No. 44,144

Date: 12/29/2004

HEWLETT-PACKARD COMPANY
Intellectual Property Administration
P. O. Box 272400
Fort Collins, Colorado 80527-2400

COPY
IN THE

DEC 29 2004

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ATTORNEY DOCKET NO. 200301842-2

UNITED STATES PATENT AND TRADEMARK OFFICE

Inventor(s): Maurice B. STEINMAN et al.

Confirmation No.: 1629

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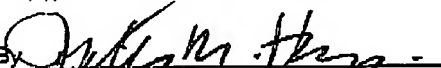
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Maurice B. STEINMAN et al.

By 

Jonathan M. Harris

Attorney/Agent for Applicant(s)

Reg. No. 44,144

Date: 12/29/2004

Telephone No.: (713) 238-8000

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IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

| | | | | |
|-------------|----------------------------|---|-------------------|-------------|
| Applicants: | Maurice B. Steinman et al. | § | Confirmation No.: | 1629 |
| | | § | | |
| Serial No.: | 10/780,395 | § | Group Art Unit: | 2112 |
| | | § | | |
| Filed: | 02/17/2004 | § | Examiner: | Tim T. Vo |
| | | § | | |
| For: | Computer Architecture | § | Docket No.: | 200301842-2 |
| | And System For Efficient | § | | |
| | Management Of | § | | |
| | Bi-Directional Bus | § | | |

RESPONSE TO OFFICE ACTION DATED SEPTEMBER 29, 2004

Mail Stop Amendment
Commissioner for Patents
PO Box 1450
Alexandria, VA 22313-1450

Date: December 29, 2004

AMENDMENT

Sir:

In response to the Office action of September 29, 2004, please amend the above-identified application as follows:

The Pending Claims are reflected in the Listing of Claims that begins on page 2 of this paper. In this Response, no amendments have been made to the claims.

Remarks/Arguments begin on page 5 of this paper.